WO 2006/115306 PCT/KR2002/001245

14

What is claimed is:

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1. α -cyanostilbene compounds of the formula 1:

$$R_{2}$$

$$R_{1}$$

$$R_{1}$$

$$R_{2}$$

$$R_{3}$$

$$R_{1} = \begin{pmatrix} CN & CN & CN \\ NC & NC \end{pmatrix}$$

$$\begin{pmatrix} CN & CN & CN \\ NC & NC \end{pmatrix}$$

wherein, R_2 and R_3

denotes respectively C_1 - C_6 alkyl, C_1 - C_6 alkoxy, substituted or unsubstituted amino, substituted or unsubstituted aryl, or substituted or unsubstituted heterocycle, and the substituted or unsubstituted aryl, or substituted or unsubstituted heterocycle can be condensed at the optional site of the corresponding two benzene rings.

2. An organic electro-luminescent composition comprising α -cyanostilbene compounds of the formula 1:

denotes respectively C₁-C₆ alkyl, C₁-C₆ alkoxy, substituted or unsubstituted amino, substituted or unsubstituted aryl, or substituted or unsubstituted heterocycle, and the

WO 2006/115306 PCT/KR2002/001245

15

substituted or unsubstituted aryl, or substituted or unsubstituted heterocycle can be condensed at the optional site of the corresponding two benzene rings.

3. An material in the state of powder, organic solution and film comprising α -cyanostilbene compounds of the formula 1:

$$R_{2}$$

$$R_{1}$$

$$R_{2}$$

$$R_{3}$$

$$R_{1} = \begin{pmatrix} CN & CN & CN \\ NC & NC \end{pmatrix}$$

$$\begin{pmatrix} CN & CN & CN \\ NC & NC \end{pmatrix}$$

wherein,

denotes respectively C₁-C₆ alkyl, C₁-C₆ alkoxy, substituted or unsubstituted amino, substituted or unsubstituted aryl, or substituted or unsubstituted heterocycle, and the substituted or unsubstituted aryl, or substituted or unsubstituted heterocycle can be condensed at the optional site of the corresponding two benzene rings.

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